

*Sub  
Dated  
82*

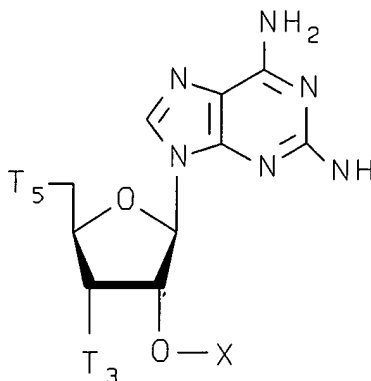
~~R<sub>1</sub> is [C<sub>1</sub>-C<sub>20</sub>] C<sub>3</sub>-C<sub>20</sub> alkyl, [C<sub>2</sub>-C<sub>20</sub>] C<sub>4</sub>-C<sub>20</sub> alkenyl, or C<sub>2</sub>-C<sub>20</sub> alkynyl and n is 0; or R<sub>1</sub> is C<sub>1</sub>-C<sub>20</sub> alkyl, C<sub>2</sub>-C<sub>20</sub> alkenyl, or C<sub>2</sub>-C<sub>20</sub> alkynyl and n is 1 to about 6;~~

~~R<sub>2</sub> is halogen, hydroxyl, thiol, keto, carboxyl, nitro, nitroso, nitrile, trifluoromethyl, trifluoromethoxy, O-alkyl, S-alkyl, NH-alkyl, N-dialkyl, O-aryl, S-aryl, NH-aryl, O-aralkyl, S-aralkyl, NH-aralkyl, amino, imidazole, N-phthalimido, azido, hydrazino, hydroxylamino, isocyanato, sulfoxide, sulfone, sulfide, disulfide, silyl, aryl, heterocycle, carbocycle, intercalator, reporter molecule, conjugate, polyamine, polyamide, polyalkylene glycol, polyether, a group that enhances the pharmacodynamic properties of oligonucleotides, or a group that enhances the pharmacokinetic properties of oligonucleotides; and~~

~~either one of T<sub>3</sub> and T<sub>5</sub> is OH, a hydroxyl blocking group, phosphate or an activated phosphate group and the other of T<sub>3</sub> and T<sub>5</sub> is a nucleotide [further subunit of said oligomer,] or both T<sub>3</sub> and T<sub>5</sub> are nucleotides; [a further subunit of said oligomer; and~~

~~n is an integer from 0 to about 6].~~

10. (Twice Amended) A compound [An oligomer comprising at least one subunit] having the structure:



wherein X is  $R_1-(R_2)_n$ ;

*Sub  
T<sub>3</sub>  
contd*

*Bx*

$R_1$  is  $C_1-C_{20}$  alkyl,  $C_4-C_{20}$  alkenyl, or  $C_2-C_{20}$  alkynyl;  $R_2$  is halogen, hydroxyl, thiol, keto, carboxyl, nitro, nitroso, nitrile, trifluoromethyl, trifluoromethoxy, O-alkyl, S-alkyl, NH-alkyl, N-dialkyl, O-aryl, S-aryl, NH-aryl, O-aralkyl, S-aralkyl, NH-aralkyl, amino, imidazole, N-phthalimido, azido, hydrazino, hydroxylamino, isocyanato, sulfoxide, sulfone, sulfide, disulfide, silyl, aryl, heterocycle, carbocycle, intercalator, reporter molecule, conjugate, polyamine, polyamide, polyalkylene glycol, polyether, a group that enhances the pharmacodynamic properties of oligonucleotides, or a group that enhances the pharmacokinetic properties of oligonucleotides;

either one of  $T_3$  and  $T_5$  is OH, a hydroxyl blocking group, phosphate or an activated phosphate group and the other of  $T_3$  and  $T_5$  is a nucleotide [further subunit of said oligomer], or both  $T_3$  and  $T_5$  are nucleotides; [a further subunit of said oligomer;] and

n is an integer from 0 to about 6.